

CLAIMS

We claim:

1. A coating material comprising:

Alkyd/Epoxy resin	24-48%
TiO ₂	24-48%
Talc	9-22%
Calcined Clay	>0-30%
Catalyst	0-1%
Colorant	0-1%
Barytes	0-5%
Nilset117	0.1-0.2%
HapcoNXZ	0.05-0.1%
Dispersitol	0-0.1%
Borchi GOL E2	0.5-0.8%
Solvent	q.s.,

and reaction products thereof.

2. The coating material according to claim 1, wherein the amount of calcined clay is at least 4%.

3. A packaging material comprising:
 - a first layer of cardboard;
 - a second layer of a coating material; and
 - a third layer of olefin;

wherein the coating material comprises:

Alkyd/Epoxy resin	24-48%
TiO ₂	24-48%
Talc	9-22%
Calcined Clay	>0-30%
Catalyst	0-1%
Colorant	0-1%
Barytes	0-5%
Nilset117	0.1-0.2%

HapcoNXZ	0.05-0.1%
Dispersitol	0-0.1%
Borchi GOL E2	0.5-0.8%
Solvent	q.s.,
and reaction products thereof.	

4. The packaging material of claim 3, wherein the coating material is based on alkyd.
5. The packaging material of claim 3, wherein the coating material is based on urethane alkyd.
6. The packaging material of claim 3, wherein the coating material is based on epoxy.
7. The packaging material of claim 3, wherein the coating material is based on urethanes.
8. The packaging material of claim 3, wherein the olefin is selected from the group consisting of polyethylene and polypropylene.
9. The packaging material of claim 3, wherein the second layer has a thickness of 50 to 200 μm .
10. The packaging material of claim 3, wherein the second layer has a thickness of 75 to 150 μm .
11. The packaging material of claim 3, wherein the second layer has a thickness of 85 to 125 μm .
12. The packaging material of claim 3, wherein the third layer has a thickness of 100 to 200 μm .
13. The packaging material of claim 3, wherein the first layer supports the second and third layers.
14. A package comprising the packaging material of claim 3.
15. A method for preparing a multiple layered packaging material, comprising the steps of:
 - (a) providing a first layer of cardboard,
 - (b) coating the first layer with a second layer of coating material and drying the coating material to obtain a coated first layer, the coating material being 50 to 200 μm thick, and

- (c) laminating the coated first layer with a third layer of an olefin,
wherein the coating material comprises:

Alkyd/Epoxy resin	24-48%
TiO ₂	24-48%
Talc	9-22%
Calcined Clay	>0-30%
Catalyst	0-1%
Colorant	0-1%
Barytes	0-5%
Nilset117	0.1-0.2%
HapcoNXZ	0.05-0.1%
Dispersitol	0-0.1%
Borchi GOL E2	0.5-0.8%
Solvent	q.s.,
and reaction products thereof.	

16. The method of claim 15, wherein the second layer has a thickness of 75 to 150 μm .
17. The method of claim 15, wherein the second layer has a thickness of 85 to 125 μm .
18. The method of claim 15, wherein the olefin is selected from the group consisting of polyethylene and polypropylene.
19. The method of claim 15, wherein the third layer has a thickness of about 40 μm .
20. The method of claim 19, wherein:
 - the coating material is selected from the group consisting of alkyd, urethane alkyd, epoxy and urethane; and
 - the olefin is polyethylene.